

Increasing the Thermal Capacity of a Continuous
Furnace with a Wide, Sloping, Monolithic Hearth,
by M. S. Kruskal', E. E. Spivak, 5 pp.

RUSSIAN, per, Stal, No 7, 1961, pp 654-659.

BISI

Sci

Nov 61

177,908

Spivak, G. V. and Repkova, O. N.
BEHAVIOR OF AN ELECTRON-ION PLASMA IN A
MAGNETIC FIELD. [1963] [9]p. 9 refs.
Order from OTS or SLA \$1.10 63-14479

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya
Fizicheskaya, 1944, v. 8, no. 5, p. 275-279.

DESCRIPTORS: *Plasma physics, *Gas discharges,
*Magnetic fields, Charged particles, Electrons,
Energy, Distribution, Magnetic properties, Analysis

(Physics--Electronics, TT, v. 10, no. 2)

63-14479

I. Spivak, G. V.
II. Repkova, O. N.

Office of Technical Services

S-1469

On the Properties of Thin Permalloy Films Produced
by Sputtering, by G. V. Spivak, V. Ye. Yurasova,
et al, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Fiz, Vol XXVIII,
No 9, 1964, pp 1411-1415.

JPRS/SPECIAL/DC-11127

Sci-14/11
Feb 65

Domain Structure of Ferromagnetic Films Prepared
by Cathode Sputtering, by G. V. Spivak,
I. G. Sirotenko, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 5, 1961, pp 581-583.

CTP

Sci

Jul 62

203,097

Electron-Microscopic Study of Sintered-Cathode
Emission, by K. A. Michurina, E. M. Dubinina, G. V.
Spivak, 10 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 12,
1959, pp 2072-2076.

PP

Sci -
Apr 61

146,582

High-Voltage Ion Source, by M. B. Pyt'ova,
S. V. Sidorov, 7 pp.
RADIATION, part, Zhur Tikh Fiziki, Vol XXXIV, No 1,
1964, pp 142-148. 9492006
FTB-IT-64-609

30

Sci - Eng
Jan 65

270,479

On Revealing the Structure of Metals by Gas
Ion Bombardment, by G. V. Spivak, V. Ye.
Yurassova, A. I. Klenova, T. A. Vlasova, 6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VII,
No 6, 1959, pp 893-898.

PP

Sci

Sep 60

127,817

An Electron-Microscope Study of
Ferroelectric Domain Structure, by G. V.
Spivak, E. Igras, I. S. Zheludev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII,
No 1, 1958, pp 54-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 5

Sci - Phys
Jul 59

91,793

Investigation of Structural Changes in Dielectrics
Under the Influence of Heat, Chemical Etching and
Ion Bombardment, by A. I. Krokhina, G. V. Spivak,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Ser Fiz, Vol XXIII,
No 6, 1959, pp 741-743.

Columbia Tech

Sci

Aug 60

124,314

Procedure for Bringing Out the Structure of
Metals and Alloys by Ion Bombardment, by V. B.
Murasova, G. V. Spivak, F. F. Kushnir, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Ser Fiz, Vol
XXIII, No 6, 1959, pp 744-749.

Columbia Tech

Sci

Aug 60

124, 313

On Obtaining Images With Pulsed Operation of
a High-Resolution Emission Microscope, by
E. M. Dubinina, G. V. Spivak, I. A. Pryankova,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Ser Fiz,
Vol XXIII, No 6, 1959, pp 762-764.

Columbia Tech

Sci

Aug 60

124,317

Observation of Ferroelectric and Piezoelectric
Domains by Means of an Electron Mirror, by G. V.
Spivak, I. A. Pryamkova, E. Igras, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Ser Fiz, Vol XXIII,
No 6, 1959, pp 729-733.

Columbia Tech

Sci

Aug 60

124,309

Electron Microscopy of Temperature Induced Changes
in the Magnetic Microstructure of Ferromagnets, by
I. S. Sbitnikova, G. V. Spivak, I. M. Sarayeva, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Ser Fiz, Vol XXIII,
No 6, 1959, pp 734-737.

Columbia Tech

Sci

Aug 60

124,311

Concerning Anisotropy of Cathode Sputtering of
Dielectrics, by A. I. Krokhnina, G. V. Spivak, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 6, 1960, pp 694-697.

CTI

Sci

Aug 61

163,891

Etching Disintegration of Semiconductor Surfaces
by Ion Bombardment, I. G. Sirotenko, G.V. Spivak,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 8, 1960, pp 679-684.

CTT

163,888

Soi
Aug 61

Electron-optical Contrast in Observation of Patch
Fields on Emitters, by G. V. Spivak, I. A.
Pryamkova, N. N. Sedov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 6, 1960, pp 640-646.

CTT

Sol
Aug 61

163,882

Appareil Pour l'Attaque des Metaux par Bombardement
Ionique -- UIT-1 (Apparatus for Etching of Metals by
Ion Bombardment -- UIT-1), by G. V. Solov'ev, V. Ye.
Yakovleva, F. P. Kuchuk, I. N. Prilezhayeva, 3 pp.

RUSSIAN TO FRENCH, per, Priroda i Tekhnika, No 2,
1977, pp 109-110.

Reverse Trans
CEA TR-R-359

Col

27 Oct 80

Resolving Power of an Immersion Objective in the
Presence of Electric and Magnetic Microfields on
the Cathode, by G. V. Spivak, V. I. Lyubchenko,
10 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Ser Fiz, Vol XXIII,
No 6, 1959, pp 697-705.

Columbia Tech

Sci

Aug 60

124,303

Electron-optical Study of Germanium and Silicon
p-n Junctions, by N. N. Sedov, O. V. Spiyak 7pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Fiz, Vol XXVI,
No 11, 1962, pp 1355-1361.

CTT

243, 076

Sci
Nov 63

Magnetic Contrast in an Electron Microscope and the Observation of Ferromagnetic Domains, by G. V. Spivak, I. N. Prilezhayeva, V. K. Azovtsov, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CV, No 5, 1955, pp 965-967. *CIA D 600455*
235-702

Sup R-2666
Morris D. Friedman
\$3.00 *776*

Sci - Physics
Dec 56 CTS

44,460

noted in the file (see memo for details)

KRSTIC Electron-Optical Measurements of Electric and Magnetic Microfields on Surfaces, by N. H. Sedov, O. V. KRSTIC Spivak, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV, No 6, 1961, pp 725-729.

CTT

Sci
Jul 62

205,366

Electron Microscopic Investigation of Semiconductor
Whiskers, by I. G. Sirotenko, G. V. Spivak, et al,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser X Fiz, Vol XXV,
No 6, 1961, pp 735-738.

CTT

Sci
Jul 62

205,308

Electron Microscopic Observation of Magnetic
Microfields by Means of Replicas, by L. V. Lazareva,
G. V. Spivak, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XIV,
No 6, 1961, pp 742-747.

CTT

Sci
Jul 62

205,369

Electrooptical Observation of "Patch Fields" on
Emitting Surfaces, by G. V. Spivak, I. A. Pryamkova,
V. N. Lepeshinakaya, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 751-.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

125,819

Sep 60

(NY-5337)

Symptomatic Renal Hypertension, by M. A. Ratner,
G. L. Spivak, 13 pp.

RUSSIAN, per, Terapevticheskiy Arkhiv, Vol XXXII,
No 9, 1960, pp 20-27.

JPRS 7600

Sci - Med

Feb 61

139, 268

The Development of Electron-microscopic Methods
for Observation of the Microgeometry and Emission
Centres of Thermionic Cathodes, by G. V. Spivak,
E. M. Dubinina, I. S. Sbitnikova, I. A. Priamkova,
D. P. Vinogradov, 12 pp.

RUSSIAN, per, Radiotek i Elektron, Vol III, No 8,
1958, pp 1077-1083.

Pergamon Press

Sci
Aug 59

95,006

The Etching of Dielectrics by Ionic Bombardment,
by G. V. Spivak, A. I. Krokhin, T. V. Yavorskaya,
Yu. A. Durasova, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
1957, pp 1001-.

CIA/FDD X-2720

58,569

Sci - Electricity
Feb 58

Direct Observations of the Domains in a Ferrimagnet by
Means of a Secondary Emission Electron Microscope and an
Electron Mirror, (G. V. Spivak, N. G. Kanavina, I. S.
Sbitnikova, I. N. Prilezhayeva, T. N. Dambrovskaya,
V. K. Azovtsov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XII, No 8,
1957, pp 1177-1182.

Columbia Tech

Sci - Phys

Dec 58

77,759

Processes Occurring On Metal Surfaces During Cathode
Sputtering, by G. V. Spivak, V. E. Iurasova, I. N.
Prilezhnaya, E. K. Pravdina, 7 p.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 10, Oct 1956, pp ~~1075-1081~~. 1189.

Columbia Tech

Sci - Physics

56, 494

Dec 57

Electron Optical Method of Studying Dynamic Thermal
Processes in Opaque Media, by G. V. Spivak, T. N.
Dombrovskaya, 7 pp.

V

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CBI, No 1, 1956,
pp 39-41. *CIA DOG - 107*

*General & Physical
Chemistry*
ATIC F-TS-9126/V *I 2*

Electronics *46, 446*

Mar 57

Electron-Optical Images of Ferromagnetic Domains,
by G. V. Sulyak, N. G. Kanavina, I. S. Sbitnikova,
T. N. Dombrovskaya.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CV,
~~no 4~~ No 4, p 706-707.

155

Consultants Bureau

\$3.50

Scientific - Physics

37,286

Aug 1956

Stehing of Steels by Ionic Bombardment, by
I. N. Prilezhayeva, G. V. Spivak, M. I. Malkina,

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXIV,
No 11, 1954, pp 2090-2096.

25,286

Brutcher Tr 3459
#3.60

Scientific - Min/Metals, Physics

Jul 55 CTS

N-20/64

Visualization of Magnetic Sound Recording
Fields by Means of an Electron, by G. V. Spivak, 13 pp.

RUSSIAN, per, Iz, Ak Nauk SSSR, Seriya Fiz.,
Vol XXVII, No 9, 1963, pp 1210-1218.

JPRS/SPECIAL/DC-10811

Sci - Phys
Sept 64

Chronical of Second All-Union Conference on Gas
Electronics, by V. L. Granovskiy, S. Yu. Lukyanov
G. V. Spivak, I. G. Sirotenko, 29 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, Vol. 17, No. 8,
1970, pp 1339-1358.

PP

JPRS 2316

135,349

Sci -
Jan 61

The Observation of Ferromagnetic Domain Structure
by Means of Photoelectrons, by G. V. Spivak, T. N.
Dombrovskaya, M. N. Sedov, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXIII,
No 1, 1957, pp 78-81.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

58,153

Sci - Physics
Feb 1958

On the Etching Decomposition of Glasses by Ionic
Bombardment, by G. V. Spivak, A. I. Krokhlina,
L. V. Lazareva, 3 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CIV,
1955, p 579.

CIA/FDD X-2711

Sci - Physics
Feb 58

55-241

Electronmicroscopic Study of the Cathodic
Sputtering Process, by G. V. Spivak,
Prilezhayeva, E. A. Gruz, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XV, No 4, 1951, pp 409-412. CIA D 151254

AEC 1579
Sci Trans Center
RT-1869

20,846

Scientific - Physics

Jan 55 CTS/DEX

On the Resolving Power of an Electron Objective of
the Immersion Type, by G. V. Spivak, Ye M. Dubinina.

3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXVIII
No 4, 1953, pp 673-675.

NSF Tr 57

Scientific - Physics

CTS/DEX

100-104600 (en) M727

4750

(FDD 22195)

A High Resolution Emission Type Electron
Microscope, by G. V. Spivak, A. M. Rozenfeld,
13 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Fiz,
Vol 17, No 3, Moscow/Leningrad, May/Jun 1951,
pp 317-322.

CIA/FDD/U-6539

USSR

Sci - Physics, electron microscope

19,029

**Properties of Ferromagnetic Films Prepared
by Cathode Sputtering, by R. D. Ivanov,
G. V. Spivak,.**

**RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXV, No 12, 1961.**

OTT

S^C₁

220,263

Jan 63

~~XXXXXX~~ Mechanism of Etching of Metals by Ionic
Bombardment, by G. V. Spivak, I. N. Prilezhaeva,
O. I. Savochkins

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol
XXXVIII, 1953, No 3, pp 511-514.

Butcher Order No 3079
Price \$3.80

Scientific - Min/Metals

JUN 53 CTB

2231

11 721

Fr-1

SPIVAK G. V., YURASOVA V. E., KUSHNIR F. P.,
PRILEZHAEVA I. N.

Apparatus for etching of metals by ion bombardment --UIT-1

Appareil pour l'attaque des métaux par bombardement
ionique--UIT-1

Pril. i Tekhn. Eksp., No. 2, 106-110 (1957)

CEA-tr-R 839. - French

E u r a t o m

On Finding the Distribution Function for Non-
Equilibrium Systems in the Presence of Transfer
Phenomena, by E. A. Vainrib, G. Yu. Spivak, 9 pp.
UNCLASSIFIED

RUSSIAN, ~~mir~~ no par, Zhur Eksp i Teoret Fis,
No 6, 1948.

ANC F-13-7463

Sci - Physics

Aug 1952 CTS

A 4 27

Improvement of Solonchaks Soils in the USSR
by P. A. Dmitrenko, I. G. Zakharchenko, Kh. S.
Spivak, From Review of "Melioratsiya Solontsov
v SSSR", I. N. Antipov-Karatsyov, I. V. Tyurin (eds.),
Moscow, 1953, 6 pp.

RUSSIAN, per, Kholovovedenie, No 3, 1954, pp 94-96.

Sci Tr Center
RT-3998

39,155

USSR - Economic, agriculture
Sep 56 CTS/dex

Intra-Osseous Administration of Drugs and Blood
in Psychiatric Practice, by L. I. Spivak.
RUSSIAN, per, Zhurnal Nevropatologii i Psich-
iatrit Imeni S. S. Korsakova, Vol LVII, 1958,
pp 215-217.
NIH 8-43-64
LOAN

Sci
Biol & Med Sci

Potentiometric Methods of Studying High Molecular Weight Petroleum Compounds. 3. Potentiometric Determination of Peroxide Numbers, by S. R. Sergienko, P. N. Galich and L. L. Spivak, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol (XII), No 1, 1957, pp 139-142.

Consultants Bureau,

Sci - Chem

Aug 58

71,788

Potentiometric Methods of Investigating High Molecular Weight Petroleum Compounds. Part 2. A Potentiometric Method of Determining Saponification Numbers in Solutions of Petroleum Resins, by S. R. Sergienko, P. N. Galich, N. A. Izmailov, L. L. Spivak, 4 pp.

RUSSIAN, bimo per, Zhur ~~ANX~~ Anal Khim, Vol XI, No 6, Nov/Dec 1956, pp 731-734.

Consultants Bureau

Sci - Chemistry
Sep 57

53,077

Potentiometric Methods of Investigating High
Molecular Weight Compounds of Petroleum, by
S. R. Sergiyenko, N. A. Izmailov, L. L. Spivak,
P. N. Gelich, 8 pp.

Full translation.

RUSSIAN, bino per, Zhur Anal Khim, Vol X, No 5,
1955, pp 315-322. CIA C 41024

Consultants Bureau

Scientific - Chemistry
Mar 56 CTS/dex

32,068

(20-4700/2)

Cash Wages in Ukrainian Kolkhozes, by M. Spivak,
8 pp.

RUSSIAN, per, Sotsialisticheskiy Trud, No 8, 1960,
pp 19-25.

JPRS 6618

USSR
Econ
p. 5

137,966

(DC-2700/25)

Reserves for Increased Output of Animal Products
in the Ukraine, by M. Spivak, 7 pp.

RUSSIAN, per, Ekon Sel'skogo Khoz, No 5, 1960,
pp 10-15.

JPRS 3789

USSR

Econ

Sep 60

125,257

Development of Light-weight Concrete House, by
G. Gerasimov & N. Spivak, 42 pp.
RUSSIAS, per. Residential Construction, 1960.
CIA Lb 579-68

89

Sci/tech
Apr 68

J51,317

Longitudinal Polarization of Beta Electrons,
by P. E. Spivak, L. A. Mikaelyan, 7 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz,
Vol XXXIX, No 3 (9), 1960, pp 574-583.

AIP
Soviet Phys - JETP
Vol XII, No 3

Sci

155,147

May 61

Measuring the Neutron Multiplication Factor for the
Fissioning of Thermal Fission of Uranium and Plutonium,
by P. E. Spivak, B. G. Yerozolinsky.

RUSSIAN, paper P/657, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva, 8-20 Aug 1955, Vol IV.

Internatl Conf -- UN

45,947

Sci - Nuclear Physics

Apr 57

CIA 1-669.9.162

Measurement of the Neutron Half-life, by A. N.
Sonnovskiy, P. E. Spivak, Yu. A. Prokof'ev,
I. E. Kutikov, Yu. P. Dobrynin, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXXVI, (9), No 4, 1959, pp 1012-1018.

AIP
Sov Phys - JETP

Nov 5
29
6

100,890

Measurements of Resonance Absorption Integrals
for Various Materials and the Multiplication
Coefficient (Effective Numbers of Secondary
Neutrons) of Resonance Neutrons for Fissionable
Isotopes, by P. E. Spivak, et al.

RUSSIAN, paper P/659, Proceedings of Interna-
tional Conference on Peaceful Uses of Atomic
Energy Held at Geneva, 8-20 Aug 1955, Vol V.

Internatl Conf -- UN
Sci - Nuclear Physics 45, 949
Apr 57 CIA 1-669.9.162

Investigation of the Neutron Beta Decay, by
P. E. Spivak, et al.

RUSSIAN, paper P/650, Proceedings of International Conference on Peaceful Uses of Atomic Energy Held at Geneva, 8-20 Aug 1955, Vol II.

Internatl Conf -- UN

Sci - Nuclear Physics

Apr 57

45, 940

CIA 1-669.9.162

Standardization of Neutron Sources in the Graphite Prism of a Reactor, by B. G. Erokolimsky, P.E. Spivak, 8 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 3, 1957, pp. 327-333.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,026

Relative Measurements of the Mean Number of
Neutrons Emitted in Fission of U^{233} , U^{235} ,
and Pu^{239} by Thermal Neutrons and by Neutrons
Characteristic of a Fission Spectra, by V.I.
Kalashnikova, V.I. Lebedev, P.E. Spivak,
4 pp.

RUSSIAN, per, Atomnaya Energiya, Vol II, No 1,
1957, pp. 18-21.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,042

Asymmetry of Double Mott Scattering of 45-245 keV
Electrons, by P. E. Spivak, L. A. Mikayelyan, 4 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol. XLI,
No. 4, 1961, pp. 1064-1069.

AIP
Sov. Phys. - JETP
Vol. XIV, No. 4

202,739

Sci
Jul 62

The Mean Number of Neutrons ν_{eff} Emitted by the
Isotopes U^{233} , U^{235} and Pu^{239} Upon Capture of
Neutrons With Energies From 30 Kev to 900 Kev,
by P. E. Spivak, B. G. Erokolimskiy, G. A. Doro-
feyev, V. N. Lavrenchik, I. E. Kutikov, Yu. P.
Dobrynin, 6 pp.

RUSSIAN, no par, Atomnaya Energiya, Vol I, No 3,
1956, 21-26 pp.

Assoc Tech & Sv 45H11 R
(5.00 - 1.00)

Scientific - Nuclear Physics
Feb 57

43,078

Determination of the Mean Number of Neutrons,
 ν_{eff} , Emitted Per Capture in the Case of U^{233} ,
 U^{235} and Pu^{239} Isotopes in the Epithermal Neutrons
Energy Range, P. E. Spivak, B. G. Erokolimskiy,
G. A. Dorofeyev, V. N. Lavrenchik, I. E. Kutikov,
Yu. P. Dobrynin, pp 10.

RUSSIAN, no per, Atomnaya Energiya, Vol I, No 3,
1956, pp 13-20.

Assoc Tech Sv 43H11 R
(11.00 - 3.00)

Scientific - Nuclear Physics 43,076
Feb 57

Elevation and Altitude Indicators, by
Sh. Gorin, P. U. Spivak, 16 pp.

RUSSIAN, bk, Indikatory Napravleniya, Voennoye
Izdatel'stvo Ministerstva Oborony Soyuza SSR,
Moscow, 1960, pp 61-73. 9683155

FTD-TT-63-277

Sci-Electronics
Jun 63

232,431

Measurement of the Average Number of Neutrons Emitted
in the Fission of Some Uranium and Plutonium Isotopes,
by V. I. Kalashnikova, A. V. Krasnushkin, V. I. Lebedev
L. A. Mikayelan, M. I. Pevzner, P. Y. Spivak, V. P.
Zakharova, 13 pp.

Full translation.

RUSSIAN, bk, Conference of the Acad of Sci of the
USSR on the Peaceful Uses of Atomic Energy, 1-5 Jul
1955, Session of the Div of Physico-Mathematical
Sciences,

35,401

GPC

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~~New York 11, N.Y.~~

Sci - Nuclear Physics *87 rpts for \$350.00

2
The "Amur" Glider, by V. Zampova, V. Gaiut, II pp.
RUSSIAN, per, Krysya Zashch, No 9, 1964, pp 17-19.
947302
FTD-TT-63-1147

KUSOR
MII
Apr 64

251,430

Conditions for Spontaneous Formation of
Highly Dispersed, Concentrated Emulsions. I.
Dependence of the Degree of Dispersion of
Emulsions on the Molecular Nature of the
Emulsifiers, by E. M. Spivakova, 6 pp.

RUSSIAN, per, Kolloid Zhur, Vol XVII, No 1,
Jan-Feb 1955, pp 50-56. CIA D 151334

24,441 Consultants Bureau

Scientific - Chemistry Jun 55 CTS/DEX

Comments on E. M. Spivakova's Paper "The Mechanism of Solubilization and the Dependence of the Solvent Power of Emulsifiers on their Molecular Nature", by P. A. Rebinder, K. A. Posepalova, 2pp.

Full translation.

RUSSIAN, bim^{ex} Kolloid Zhur, Vol XVII, No 5,
Sept/Oct 1955, pp 408-409 CIA C 41475

Consultants Bureau

Scientific - Chemistry
Apr 56 CTS/dex

32,871

The Mechanism of Solubilization and the Dependence of the Solvent Power of Emulsifiers on their Molecular Nature, ^{by} E. M. Spivakova
3 pp.

Full translation

RUSSIAN, bimo per, Kolloid, Zhur SSSR, Vol XVII,
No 2, Mar/Apr 1955, pp 131-139. *O/A 0151362*

Consultants Bureau

Scientific - Chemistry

25,726

AUG 55 CTS/DEX

10-3

The Present Status of Hydraulic Transport
in the Coal Industry, by A. O. Spivakovskiy
and A. L. Sholuyev,
Zhurnal, Ser. Engl, Vol XXIII, No 5, 1964,
pp. 43-48.
UDC 62-8568

A. O. Spivakovskiy

001-

A. O. 07

321,004

Pipe Production Needed, by O. Semenov,
L. Spivakovskiy, et al, 5 pp.
RUSSIAN, np, Pravda, 25 Aug 1964, p 2.
JPRS 27150

USSR
Econ
Jan 65

270,731

SHORTAGES OF CERTAIN TYPES OF PIPE, POOR
LOCATION OF THE PIPE INDUSTRY, AND THE NEED FOR IMPROVEMENT
OF PIPE CONSTRUCTION, BY L. SPYNGOROVICH,
31 PP.

RUSSIAN, BY, SPOVOUCHENNOYE OBRASH, NO 16(67),
10 NOV 1962, P 31.

JPRS 71373

UOOR

DOOR

AME 63

207, 102

Study of Basic Salts and Hydroxides of Metals,
by N. V. Akmal'rud, V. B. Spivakovskiy, ~~XXXX~~ 11 pp.

RUSSIAN, per, Zhur Georgen Khim, Vol III, No 8,
1958, pp 1748-1754

ARC-Tr-4456
FL-480

Sci
Jun 62
PBT 378

200,151

Basic Chlorides and Hydroxide of Dysprosium, by
N. V. Aksel'rud, V. B. Spivakovskiy, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 2,
1960, pp 348-355.

Cleaver-Hume Press

Sci

Nov 60

132,050

Study of Basic Salts and Hydroxides of Metals,
by N. V. Akcel'srud, V. B. Spivakovskiy, 13 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 2, 1958, pp 269-277.

ABC Tr-4450
FL-480

Sci
May 62
PBT 372

195,894

The Study of the Basic Salts and the Hydroxides of
Metals, by N. V. Aksel'rud, V. B. Spivakovskiy, 12 pp.

RUSSIAN, per, Zhur Georg Khin, Vol II, No 12, 1957,
pp 2709-2715.

AEC-tr-4062
PL-480

Sci - Chem

May 61

PST No 89

152,634

Basic Chloride and Hydroxide of Samarium, by
N. V. Aksel'rud, V. B. Spivakovskiy, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 2,
1960, pp 340-347.

Cleaver-Hume Press

Sci

Nov 60

132,049

Study of Solutions of Indates, by H. V. Aksel'rud
and V. B. Spivakovskiy, @ 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 9, 1956,
p 2004

AEC-Tr-4590
PL-480

Sci

Jun 63

342 644

Hydroxides and Basic Chlorides of Yttrium and
Lanthanum, by M. V. Aksel'rud, V. B. Spivakovskiy,
5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 2,
1960, pp 327-339.

Cleaver-Hume Press

Sci

Nov 60

132,048

A Method of Investigating the Pore Structure
of Materials, by M. A. Al'tshuler, O.V. Spivak-
Slonitskiy.

RUSSIAN, ~~patent~~ Patent No, 145,797, 1959.

ATS RJ-3935

Sci-M/W
Dec 63

244,860

Application of Electrodes of the Third Type in
the Study of Complex Compounds, by V. B.
Spirichovskii, V. I. Masolenko, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3.
1959, pp 559-563.

Cleaver-Hume Press Ltd.
London

Cal. Chem
Inc Co

106,546

Ionic Influence of the Outer Coordination
Sphere on the Complex Formation Between
Cadmium and Chloride Ions in Aqueous Solutions,
by Ya. A. Fialkov, V. B. Spivakovskii,

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 7,
1959, pp 1501-1506.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 60

106,364

IV. Cerium Hydroxide and Basic Chloride, by
N. V. Ansel'rud, V. B. Spivakovskiy.

RUSSIAN, per, Zhur Neorgan Khim, Vol IV, No 1,
1959, pp 56-61.

The Cleaver-Hume Press Ltd

Sci - Chem

Jan 60

105872

Basic Chlorides of Erbium and Ytterbium, by
N. V. Aksel'rud and V. B. Spivakovsky 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 3, 1960,
pp 547-557.

Cleaver-Russ Press

Sci

Oct 60

130,131

A Polarographic Method of Determining Indium, by
N. V. Akselrud, and V. B. Spivakovsky, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol ~~XII~~ XIII, No 1, 1957,
pp 78-82.

Consultants Bureau

Sci - Chem

Aug 58

71,778

Asymmetry for Double Mott Scattering and the Absolute
Values for the Longitudinal Polarization of β -Electrons
by P. E. Spivek, V. A. Mkayelian, I. E. Kutikov,
3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 5, 1960, pp 1479-1481.

Internatl Physical Index
Physics Express
Vol III, No 7

Sci - Phys

158,760

Jun 61

The Use of Bone Marrow Obtained From Cadavers in
Clinical Practice, by L. M. Spizharskaya, T. K.
Mamysheva, 5 pp.

RUSSIAN, per, ^bProblemy Gematologii i Perelivaniya
Krovi, Vol VI, No 2, 1961, pp 119-123.

PP

Sci

Jun 62

198,743

Geological Sketch of the Lena-Indigirka District,
by T. N. Spizharskiy, 8 pp.

RUSSIAN, per, Trudy Arkticheskogo Inst, Vol LXXXVII,
1937, pp ~~318-366~~ 347-351.

CIA/FDD/X-1737

USSR -

Geographic -

Scientific - Geophysics

25,306
Jul 55 CTS

Spizig, Siegfried
INDUSTRIAL CLEANING WITH ULTRASOUND. [1961]
6p. (9 illus. [refs.] omitted).
Order from SLA in \$1.80, ph \$1.80 61-10808

Trans. of Draht (West Germany) 1956, v. 7, no. 6,
p. 216-219.

(Machinery, Fabrications and Accessory Equipment,
TT, v. 5, no. 10)

61-10808

1. Cleaning equipment--Design
2. Ultrasonic radiation--
Applications
1. Spizig, S.

Office of Technical Services

Contributions to the Study of Sporadic E-Layer
Movements, by A. Schuchman, G. Tish.
FRENCH, par, Annales de l'Association, Vol XX,
No 2, 1964, pp 187-188.
NASA TT P-5581

Sci-Phys
Nov 64
U.S. GOVERNMENT ONLY

249,302

Partial Reflections in the Atmosphere and
Long-Distance Propagation: Part 3, Reflec-
tion in an Inhomogeneous Medium, by
Francois Du Castel, Andre Spizzichino.

GOVERNMENT USE ONLY

FRENCH, 1er, Editions de la Revue d'Optique.
1960.

NAV/JIC/TRAN-2677-68

Sci-Atmos

Jan 69

373.167

First Results With New Therapies in Parkinson's
Disease and Parkinsonism, by G. Giannioti,
F. Giberti, & S. Spizzirri, 9 pp.

ITALIA, FER, Gazz Med Ital, Vol CXV, 1956,
pp 71-74.

SIA Tr 57-1850

Sci

Jun 58

66,638